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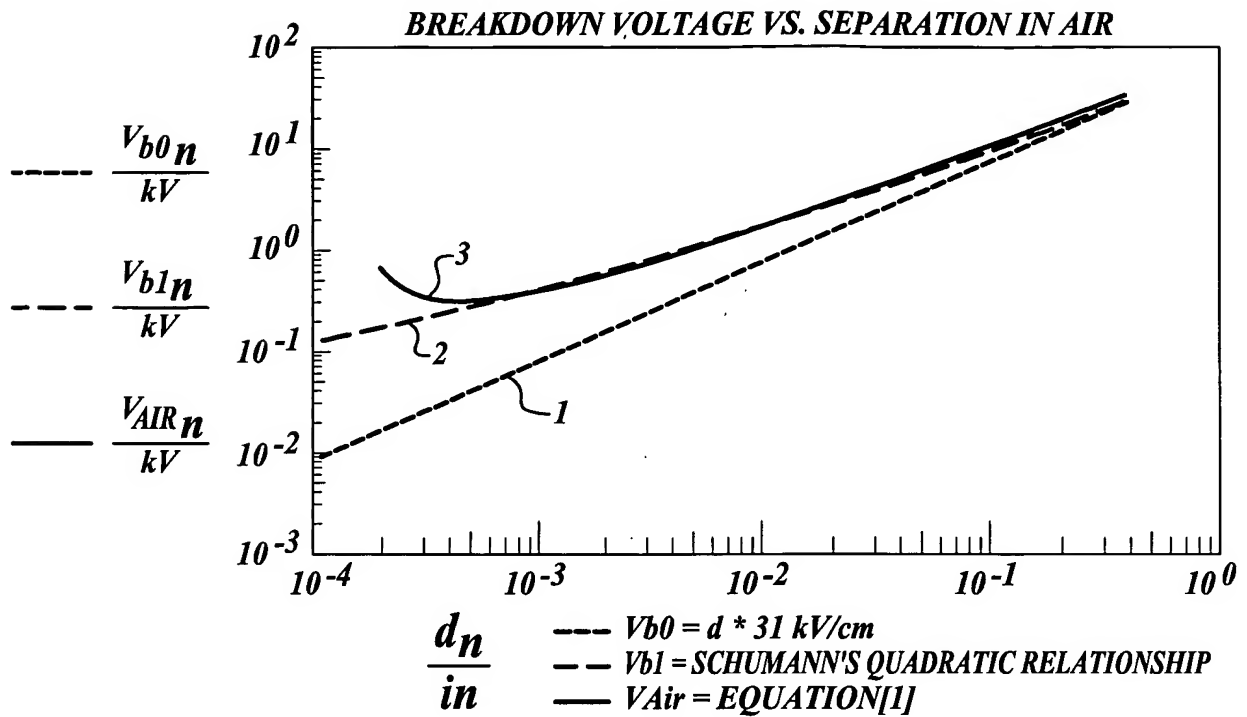


Fig. 1.

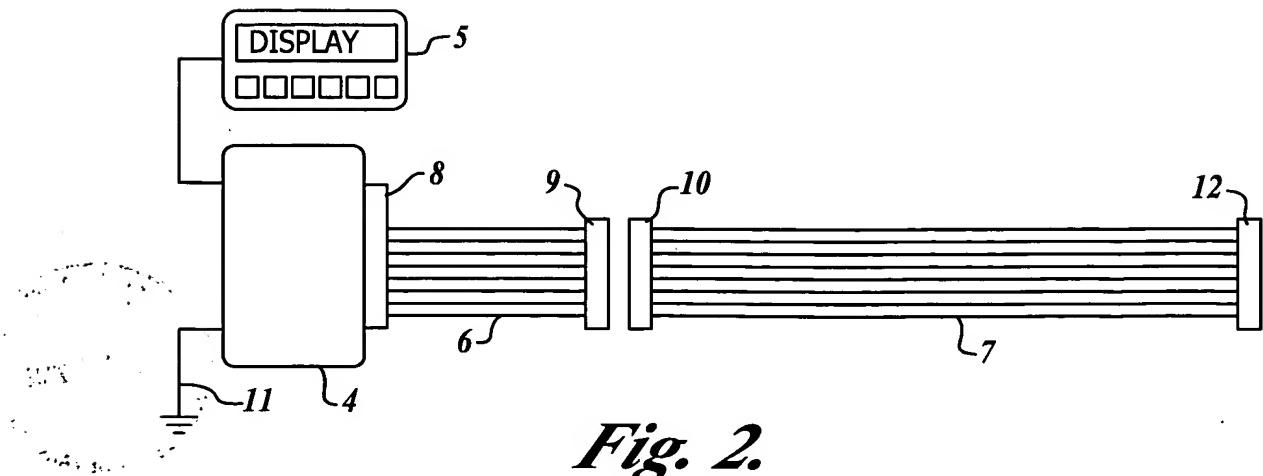


Fig. 2.

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GDAES118459

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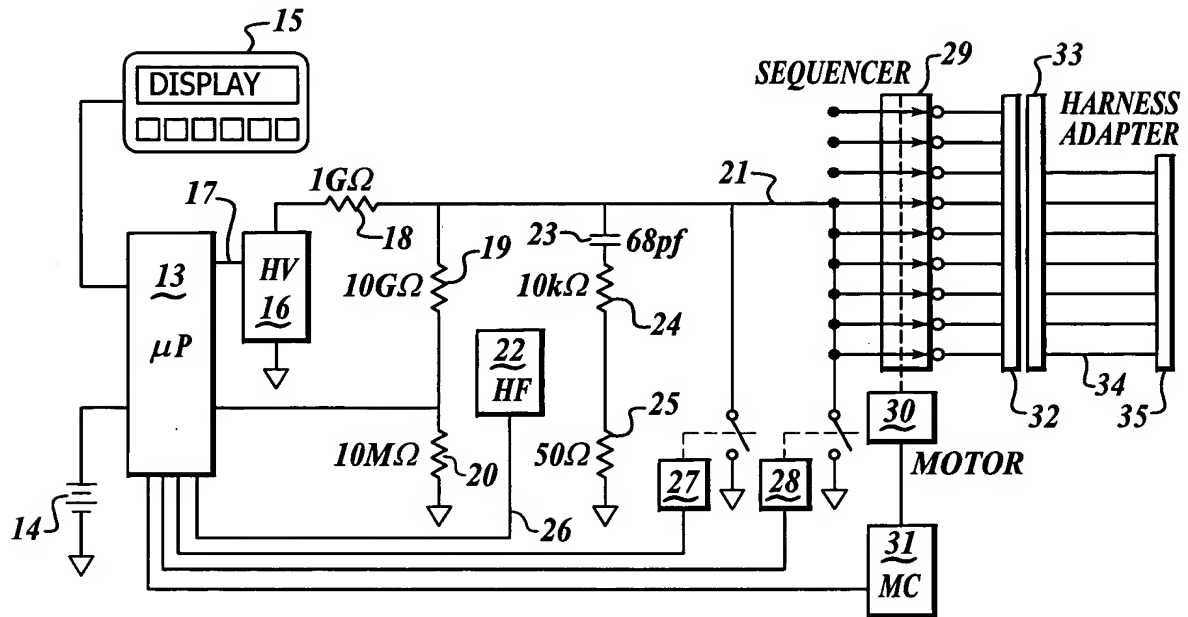


Fig. 3.

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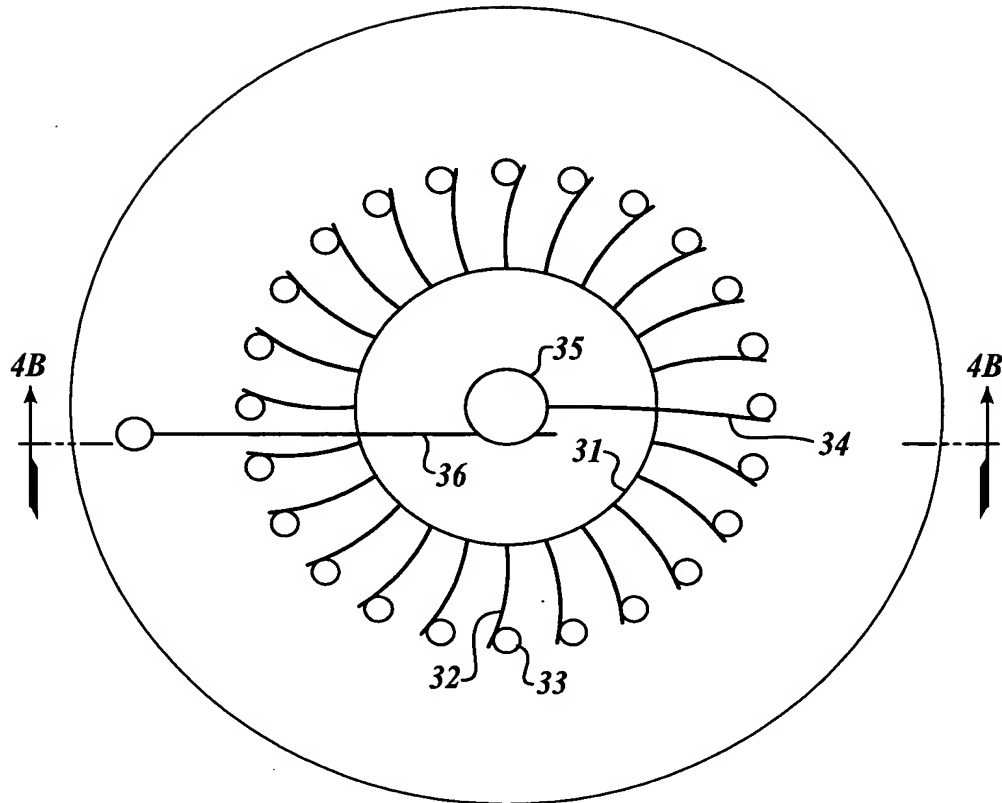


Fig. 4A.

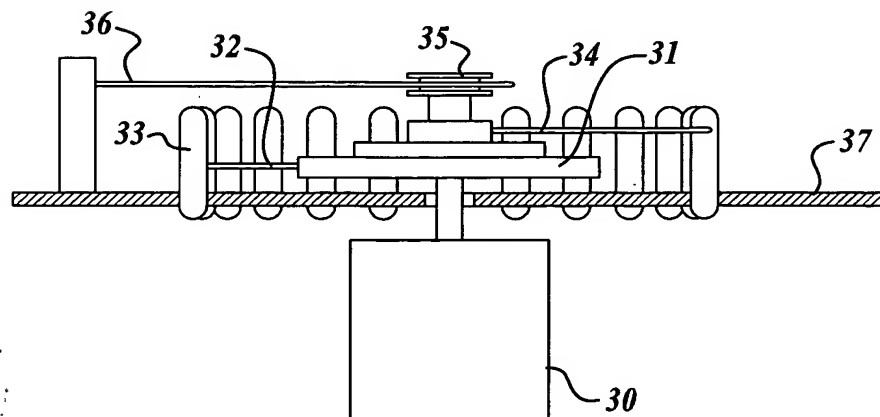


Fig. 4B.

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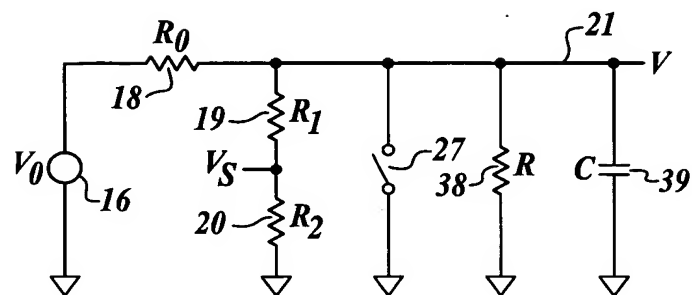


Fig. 5.

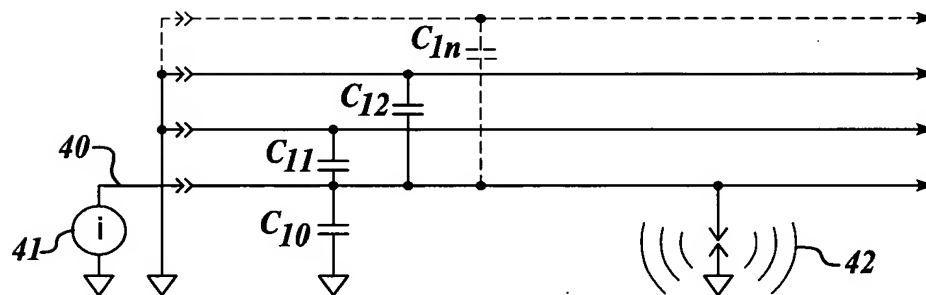


Fig. 6.

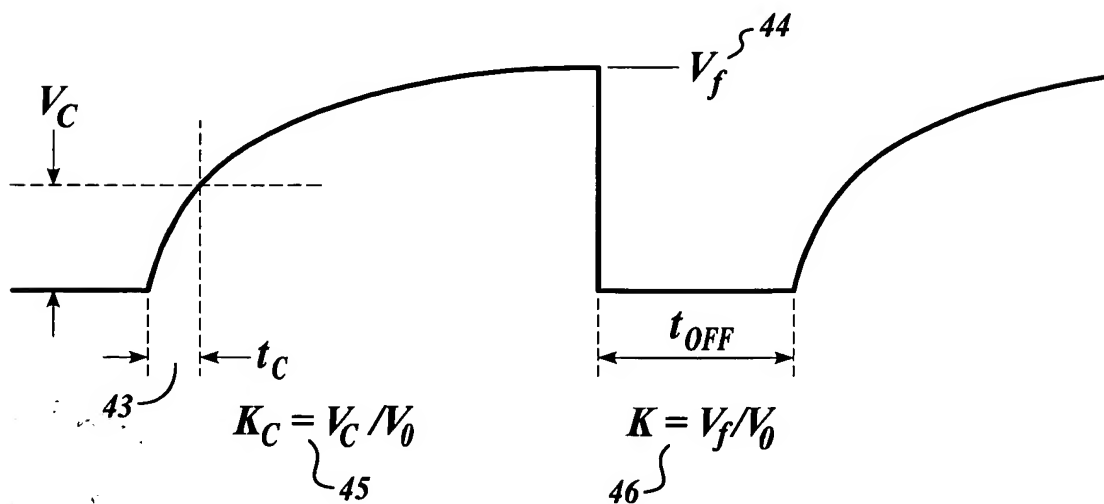


Fig. 7.

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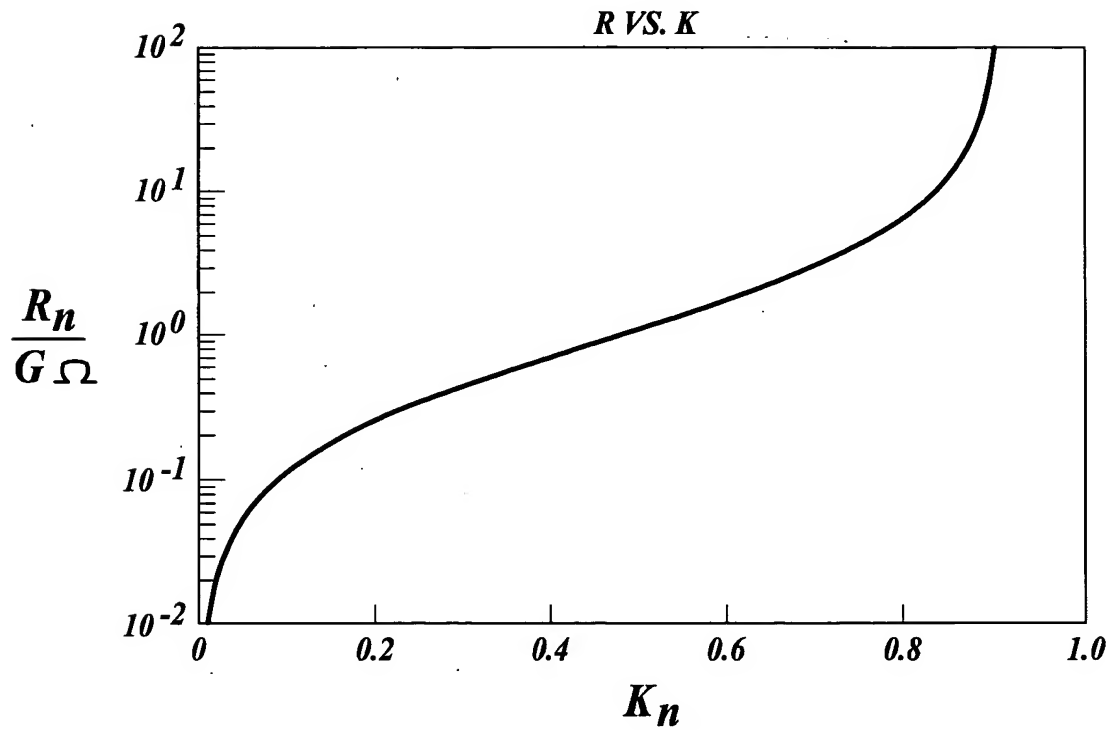


Fig. 8.

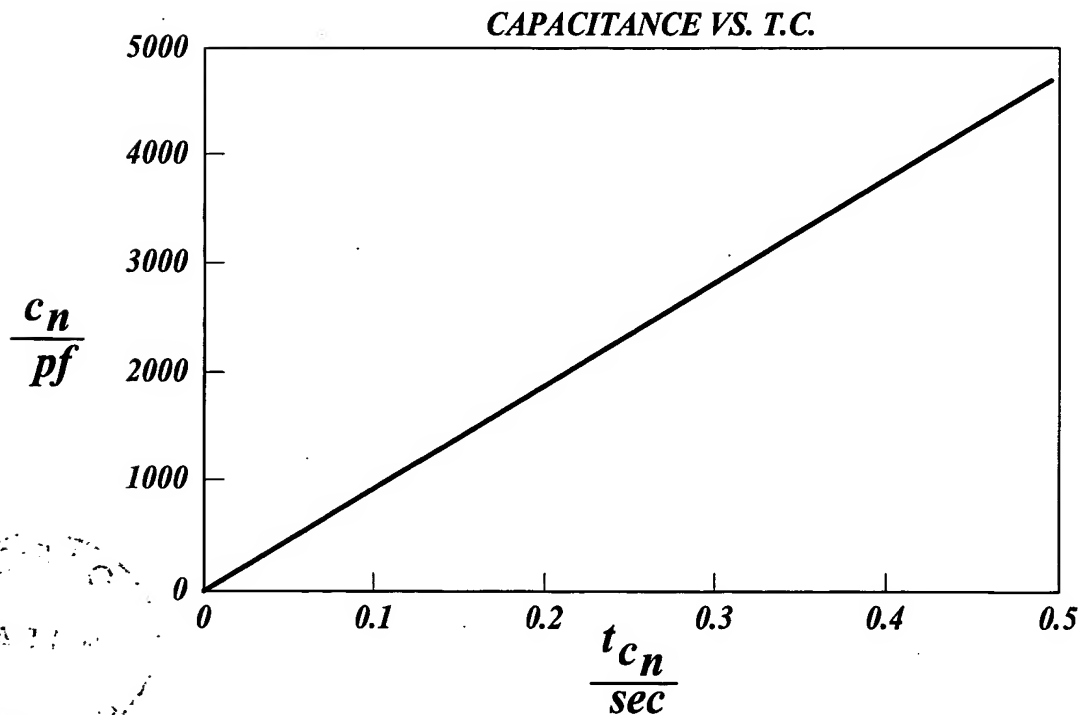


Fig. 9.

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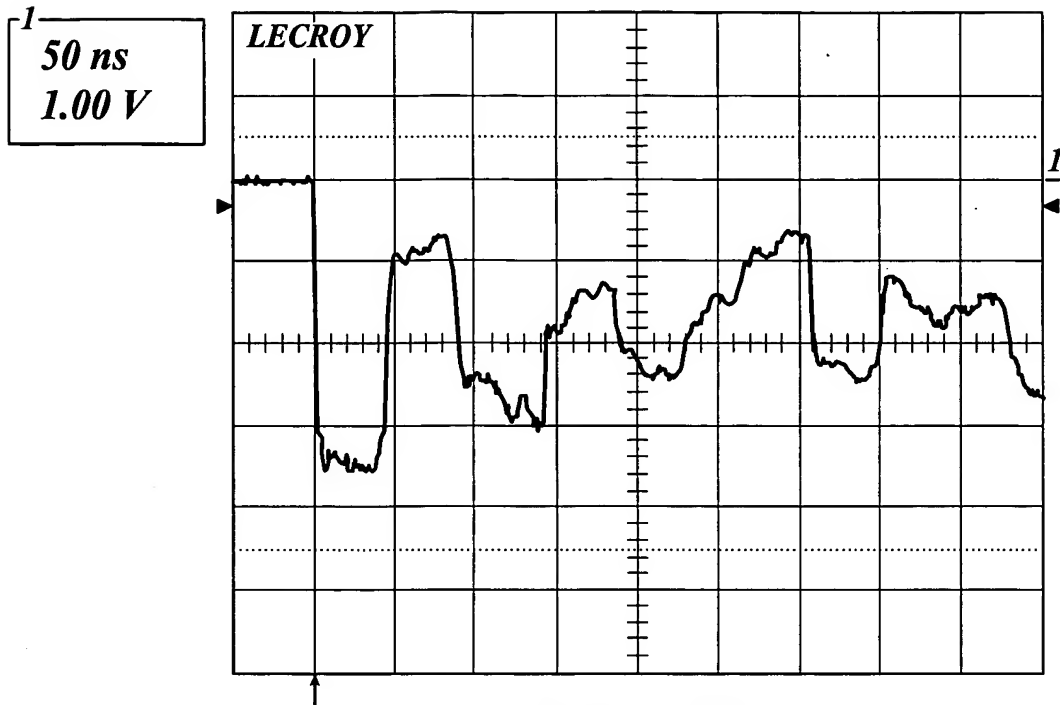


Fig. 10.

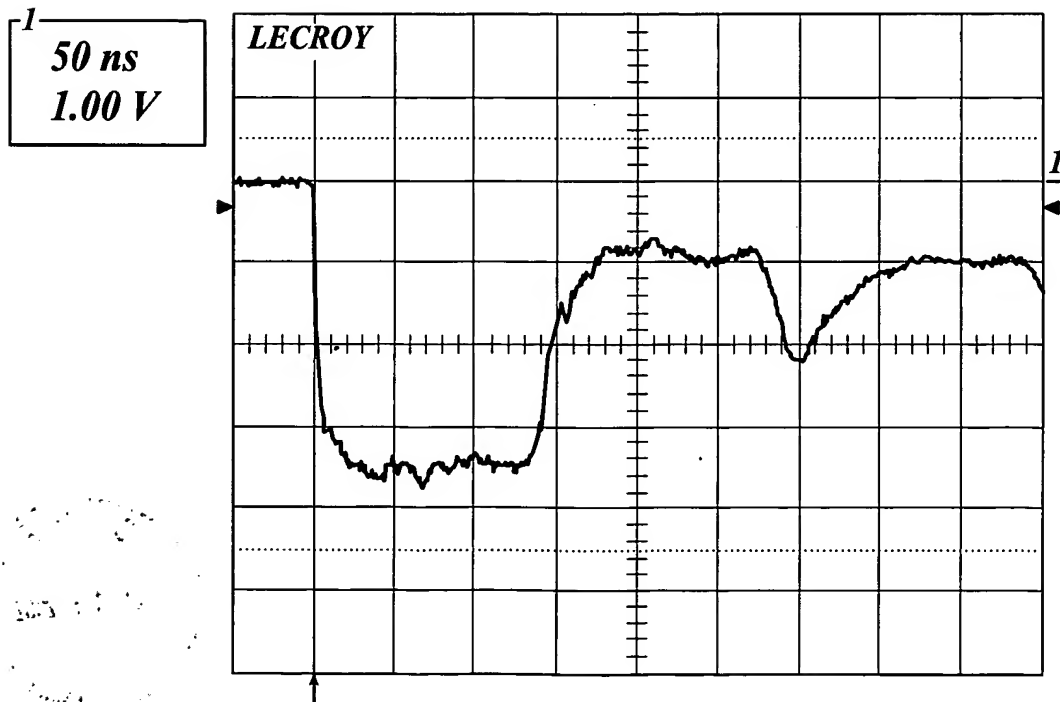
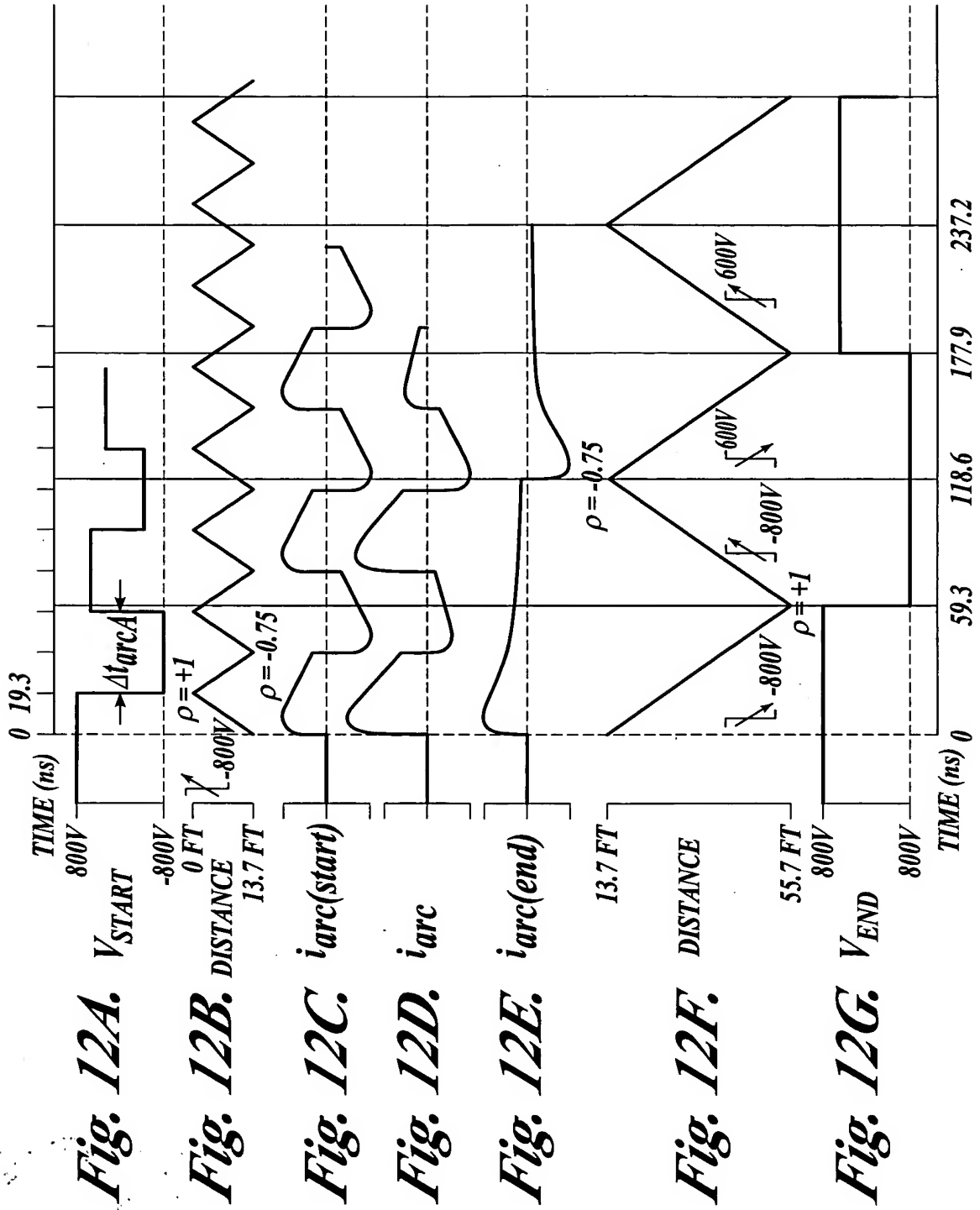


Fig. 11.

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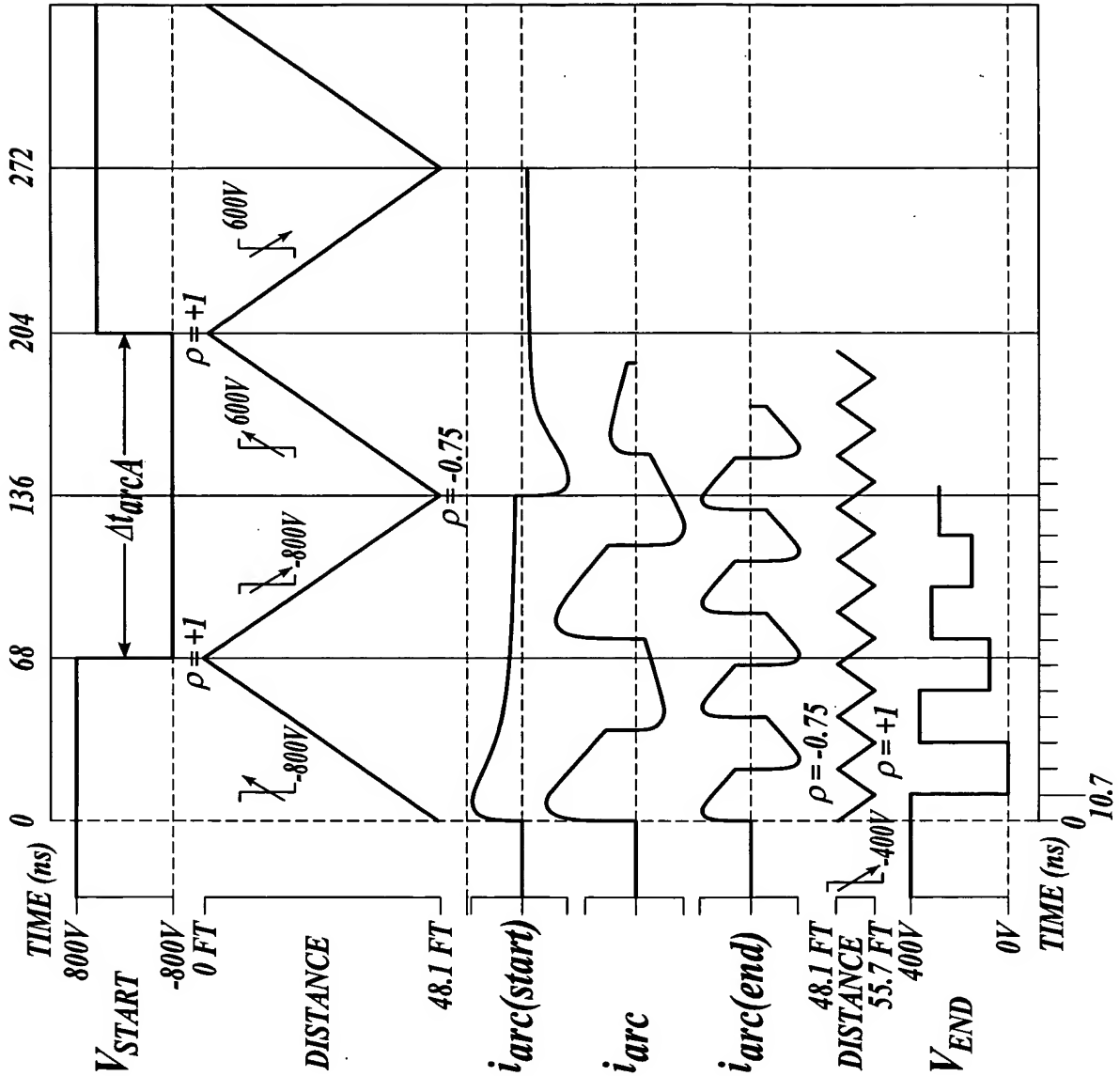


Fig. 13A.

Fig. 13B.

Fig. 13C. $i_{arc(start)}$

Fig. 13D. i_{arc}

Fig. 13E. $i_{arc(end)}$

Fig. 13F. V_{END}

Fig. 13G.

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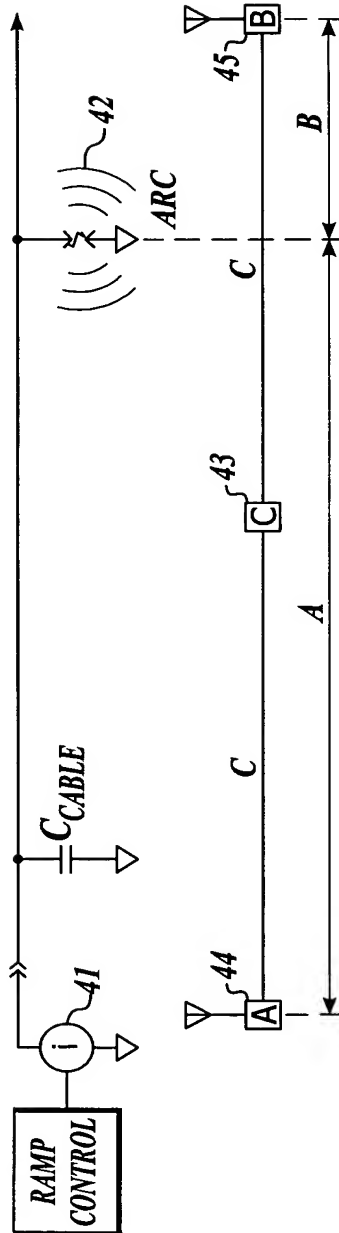


Fig. 14A.

Fig. 14B.

Fig. 14C.

Fig. 14D.

Fig. 14E.

$$d = (A+B)/2$$

$$d = (a-b)/2v \text{ where } v = 3 \times 10^8 \text{ m/s}$$

$$d = +(A+B)/2$$

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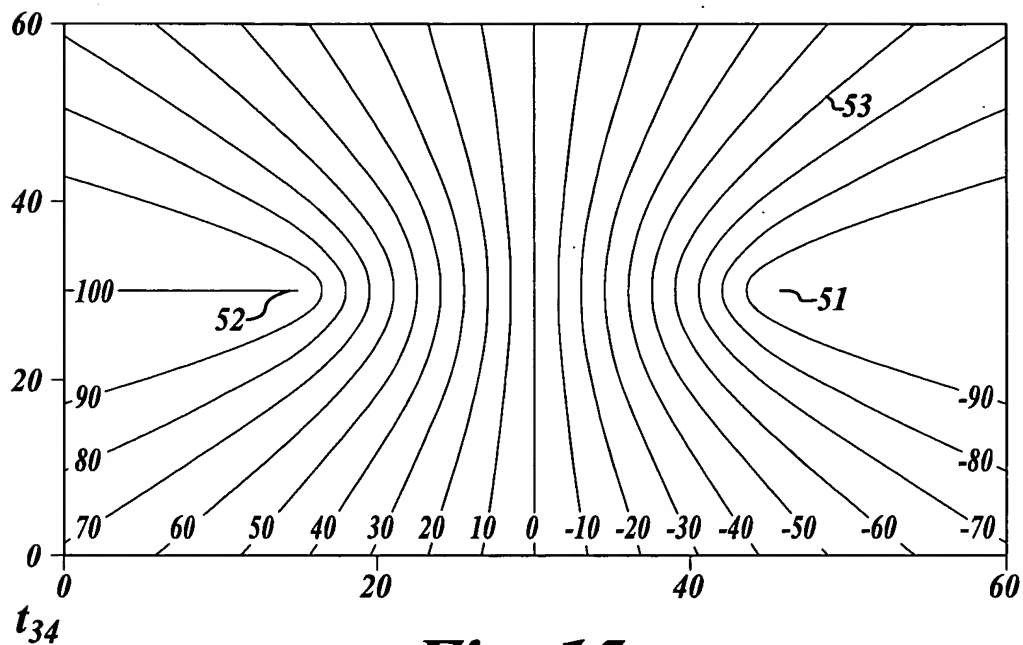


Fig. 15.

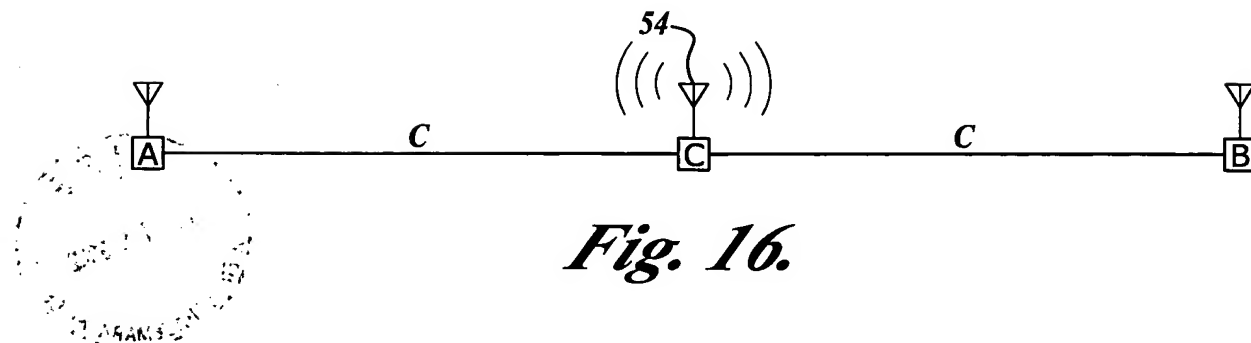


Fig. 16.

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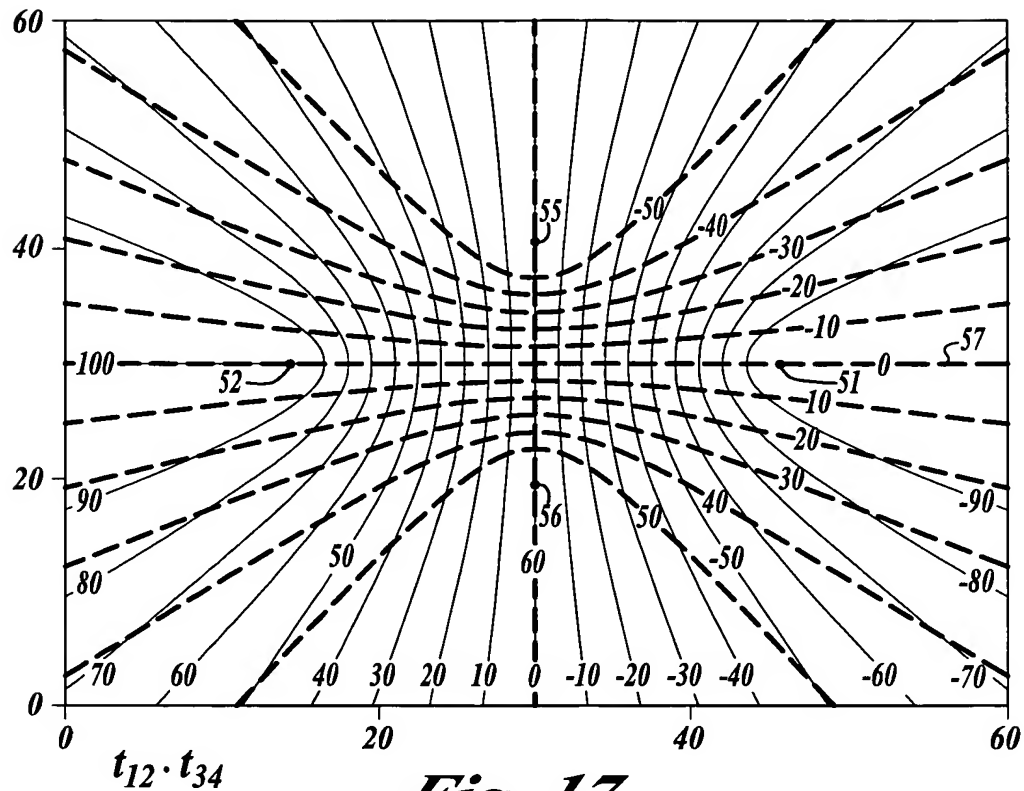


Fig. 17.

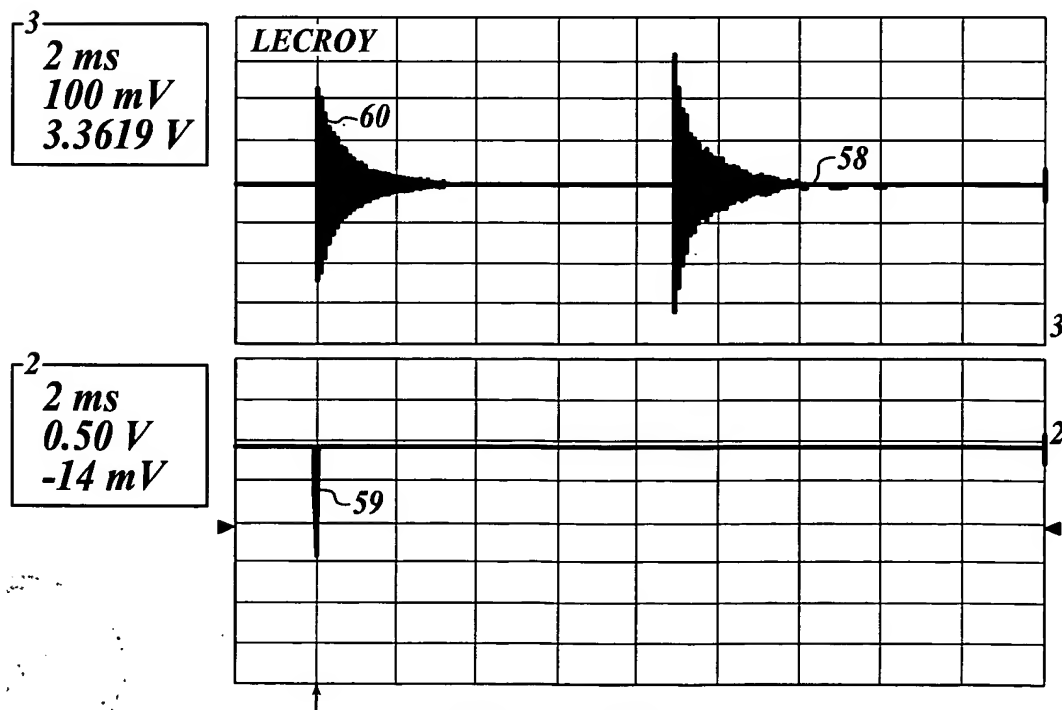


Fig. 18.